

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No.: 10/790,164

Art Unit: 3728

Applicant: Saunders N. Whittlesey

Examiner: PATTERSON, MARIE D

Filed: March 1, 2004

Confirmation No.: 9996

For: SHOE WITH SENSORS, CONTROLLER
AND ACTIVE-RESPONSE ELEMENTS
AND METHOD FOR USE THEREOF

Attorney Docket No.: S03-04

DECLARATION OF DOUGLAS K. ROBINSON UNDER 37 C.F.R. § 1.131

Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

I, Douglas K. Robinson, hereby declare that:

1. I am a U.S. citizen, and reside at 481 Fruit Street, Mansfield, MA 02048.
2. I am an inventor of the invention disclosed and claimed in the above-identified utility patent application.
3. I am, and at the time of the invention I was, employed by the ACUSHNET COMPANY, 333 Bridge Street, Fairhaven, Massachusetts 02719, the Assignee of record of the entire right, title and interest in the invention.
4. This declaration is filed to show that prior to March 10, 2003, I conceived the subject matter of the claimed invention and constructively reduced the invention to practice upon filing the above-identified patent application.

5. Attached hereto is Exhibit A. Exhibit A is a copy of the laboratory notebook pages demonstrating prior conception of the claimed invention. For example, the concept of the shoe claimed herein is described in the laboratory pages. Specifically, the pages detail the concept of a "smart shoe" that remains flexible when walking but senses torsional forces during a golf swing and stiffens the lateral midsole of the shoe for stability, where the shoe uses piezoelectric technology. Certain information has been redacted in accordance with standard practice. However, all redacted dates are prior to March 10, 2003.

6. I have reviewed the document of Exhibit A. Although the dates of Exhibit A have been redacted, the dates are all prior to March 10, 2003.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Respectfully submitted,

Date: Feb. 9, 2007


Douglas K. ROBINSON

Attachment

Exhibit A

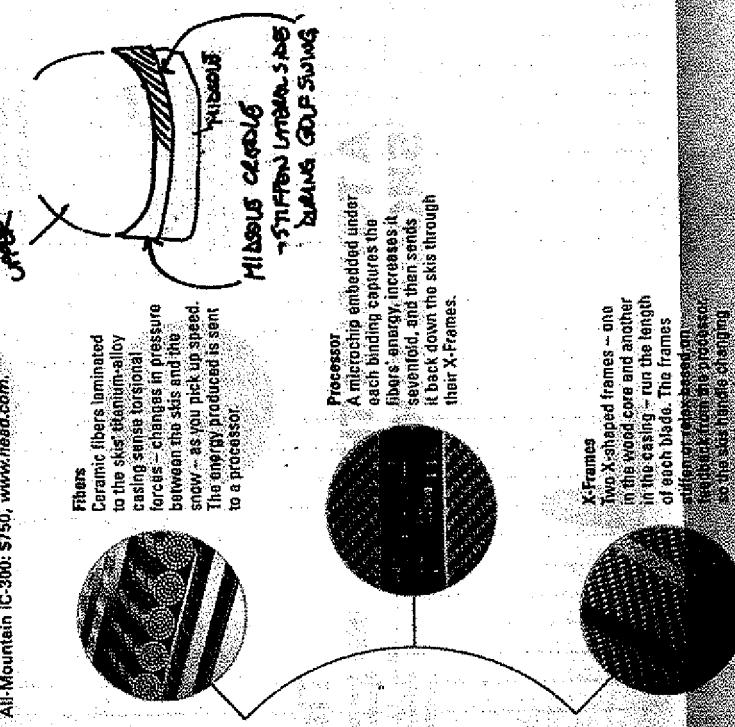
New idea for a "Smart Shoe"

- SENSORS TOSENIAL FORCES DURING A GOLF SWING AND STIFFENS LATERAL MIDSOLE CRADLE FOR STABILITY
- PIEZO TECHNOLOGY

PLAY fetish

Smooth Operators

Head first made tennis rackets to power up your serve. Now the sports equipment company wants to strengthen your skeleton. Its All-Mountain skis contain microscopic fibers — originally used in Head's racket frames — and microchips that keep your blades steady regardless of terrain. With these skis, there's no telling where the powder ends and the ice begins.



MICROCHIPS TURN BAD VIBES INTO A STEADY RIDE

by Sonia Zjawinski

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PROJECT NAME _____

NOTEBOOK NO. _____

U. MASS.

*1 New Concept: GOLF SHOE THAT ADAPTS TO GOLFERS SWINGING
TO CREATE HORIZONTAL PLATFORM
USE PIEZOELECTRIC TECHNOLOGY
- LOW POWER USAGE

Advanced Cerametrics, Inc.

Meeting with Richard "Bud" Cass, President and Farhad Mohammadi, Sr. Scientist
at ACI Facility in Lambertville, NJ (Also present Dr. Hamil, Sandy Hunsaker)
Agreement → NEED TO BE FITTED TO Firm Surface

* NEED TO DETERMINE VALUE (IN lbs) OF NEEDED FORCE AGAINST FOOT.
WHERE

WE REVIEWED OUR CONCEPT FOR A SMART GOLF SHOE THAT WOULD BEND IN
SOFT AND FLEXIBLE WHEN WALKING BUT FIRMS UP ON THE LATERAL
SIDE OF EACH SHOE DURING THE GOLF SWING.

ACI REVIEWED THEIR PRODUCTS, CURRENTLY IN HEAD TENNIS RACKET AND
SKI. THE PIEZOELECTRIC FIBER COMPOSITES OFFER STIFFENING
PROPERTIES THAT ARE CONTROLLED BY ELECTRONICS.